

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|--|-----------------|------------------|
| 1 | 5538 | (psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab. | USPAT; US-PGPUB | 2004/06/12 14:14 |
| 2 | 189742 | methacrylate or acrylate or (acrylic near4 (ester or polyester)) | USPAT; US-PGPUB | 2004/06/12 14:12 |
| 3 | 10028 | (quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | USPAT; US-PGPUB | 2004/06/12 14:07 |
| 4 | 633 | ((methacrylate or acrylate or (acrylic near4 (ester or polyester))) same ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)))) | USPAT; US-PGPUB | 2004/06/12 13:46 |
| 5 | 189742 | methacrylate or acrylate or (acrylic near4 (ester or polyester)) | USPAT; US-PGPUB | 2004/06/12 14:07 |
| 6 | 10028 | (quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | USPAT; US-PGPUB | 2004/06/12 14:01 |
| 7 | 633 | ((methacrylate or acrylate or (acrylic near4 (ester or polyester))) same ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)))) | USPAT; US-PGPUB | 2004/06/12 13:47 |
| 8 | 4 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))) same ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)))) | USPAT; US-PGPUB | 2004/06/12 13:47 |
| 9 | 1 | (psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))) same ((methacrylate or acrylate or (acrylic near4 (ester or polyester))) same ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)))) | USPAT; US-PGPUB | 2004/06/12 13:50 |
| 10 | 14270 | (methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab. | USPAT; US-PGPUB | 2004/06/12 14:21 |
| 11 | 481 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab.) | USPAT; US-PGPUB | 2004/06/12 13:51 |
| 12 | 17 | ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) and (((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab.)) | USPAT; US-PGPUB | 2004/06/12 14:00 |
| 13 | 20 | (("3,216,983") or ("4,199,564") or ("4,542,012") or ("4,584,192") or ("4,598,004") or ("4,728,323") or ("4,952,618") or ("4,978,527") or ("5,173,291") or ("5,408,022") or ("5,437,932") or ("5,494,987") or ("5,529,770") or ("5,614,310") or ("5,621,058") or ("5,733,949") or ("5,800,685") or ("5,817,344") or ("6,034,129") or ("6,039,940") or ("6,194,530B1") or ("6,198,016B1")).PN. | USPAT; US-PGPUB | 2004/06/12 14:00 |
| 14 | 1 | ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) and (((("3,216,983") or ("4,199,564") or ("4,542,012") or ("4,584,192") or ("4,598,004") or ("4,728,323") or ("4,952,618") or ("4,978,527") or ("5,173,291") or ("5,408,022") or ("5,437,932") or ("5,494,987") or ("5,529,770") or ("5,614,310") or ("5,621,058") or ("5,733,949") or ("5,800,685") or ("5,817,344") or ("6,034,129") or ("6,039,940") or ("6,194,530B1") or ("6,198,016B1")).PN.) | USPAT; US-PGPUB | 2004/06/12 14:01 |
| 15 | 22098 | (quaternary adj1 ammonium) and (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | USPAT; US-PGPUB | 2004/06/12 14:30 |

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|----|--------|--|-------------------|------------------|
| 16 | 4 | ((("3,216,983") or ("4,199,564") or ("4,542,012") or ("4,584,192") or ("4,598,004") or ("4,728,323") or ("4,952,618") or ("4,978,527") or ("5,173,291") or ("5,408,022") or ("5,437,932") or ("5,494,987") or ("5,529,770") or ("5,614,310") or ("5,621,058") or ("5,733,949") or ("5,800,685") or ("5,817,344") or ("6,034,129") or ("6,039,940") or ("6,194,530B1") or ("6,198,016B1")).PN.) and ((quaternary adj1 ammonium) and (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) | USPAT; US-PGPUB | 2004/06/12 14:06 |
| 17 | 24910 | (psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))))) | EPO; JPO; DERWENT | 2004/06/12 14:06 |
| 18 | 2468 | (quaternary adj1 ammonium) and (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | EPO; JPO; DERWENT | 2004/06/12 14:07 |
| 19 | 2468 | (quaternary adj1 ammonium) and (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | EPO; JPO; DERWENT | 2004/06/12 14:08 |
| 20 | 157399 | methacrylate or acrylate or (acrylic near4 (ester or polyester)) | EPO; JPO; DERWENT | 2004/06/12 14:08 |
| 21 | 0 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))))) and ((quaternary adj1 ammonium) and (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) and (methacrylate or acrylate or (acrylic near4 (ester or polyester))) | EPO; JPO; DERWENT | 2004/06/12 14:08 |
| 22 | 24662 | (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | EPO; JPO; DERWENT | 2004/06/12 14:09 |
| 23 | 4 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))))) and ((ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) and (methacrylate or acrylate or (acrylic near4 (ester or polyester))) | EPO; JPO; DERWENT | 2004/06/12 14:12 |
| 24 | 170850 | methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol)) | USPAT; US-PGPUB | 2004/06/12 14:15 |
| 25 | 2148 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and (methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol))) | USPAT; US-PGPUB | 2004/06/12 14:14 |
| 26 | 3215 | (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) same (methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol))) | USPAT; US-PGPUB | 2004/06/12 14:16 |
| 27 | 25 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) same (methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol)))) | USPAT; US-PGPUB | 2004/06/12 14:15 |
| 28 | 11260 | (methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol))) | USPAT; US-PGPUB | 2004/06/12 14:18 |
| 29 | 90 | (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) same ((methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol)))) | USPAT; US-PGPUB | 2004/06/12 14:16 |
| 30 | 2 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) same ((methacrylate or acrylate or (acrylic near4 (ester or polyester)) near4 ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol)))) | USPAT; US-PGPUB | 2004/06/12 14:16 |
| 31 | 975 | ((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) same ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol)) | USPAT; US-PGPUB | 2004/06/12 14:22 |

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|----|---------|--|--------------------|------------------|
| 32 | 2 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and (((quaternary adj1 ammonium) same (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate))) same ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol))) | USPAT; US-PGPUB | 2004/06/12 14:19 |
| 33 | 481 | ((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab.) | USPAT; US-PGPUB | 2004/06/12 14:22 |
| 34 | 268 | ((((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab.)) and ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol)) | USPAT; US-PGPUB | 2004/06/12 14:23 |
| 35 | 3553527 | @ad<20020116 | USPAT; US-PGPUB | 2004/06/12 14:24 |
| 36 | 246 | (((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab.)) and ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol))) and @ad<20020116 | USPAT; US-PGPUB | 2004/06/12 14:24 |
| 37 | 31 | ((((psa or (pressure adj1 (sensitive or activated or activatable) adj1 (adhesive or glue or ((bonding or binding) adj1 (material or agent or resin or substance or composition))))).ti,ab.) and ((methacrylate or acrylate or (acrylic near4 (ester or polyester))).ti,ab.)) and ((alkylene or ethylene or propylene) near3 (oxide or glycol or polyol))) and @ad<20020116) and (ammonium adj1 (halide or chloride or fluoride or bromide or sulfate)) | USPAT; US-PGPUB | 2004/06/12 14:50 |
| 38 | 4 | ("3380923") or ("5618841") or ("3305510") or ("5874074").PN. | USPAT; US-PGPUB | 2004/06/12 14:52 |
| 40 | 1 | ("6133391").PN. | USPAT; US-PGPUB | 2004/06/12 14:56 |
| 41 | 4 | ("20030194415") or ("20030194447") or ("20030118629") or ("20030149106").PN. | USPAT; US-PGPUB | 2004/06/12 14:57 |

| | Type | Hits | Search Text |
|----|------|--------|--|
| 1 | BRS | 50791 | (psa oe pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)).ti,ab. |
| 2 | BRS | 6000 | (psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)).ti,ab. |
| 3 | BRS | 104286 | (methacrylate or meth-acrylate or acrylate).ti,ab,bsum,clm. |
| 4 | BRS | 1550 | ((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)).ti,ab.) and ((methacrylate or meth-acrylate or acrylate).ti,ab,bsum,clm.) |
| 5 | BRS | 106723 | (quaternary adj1 ammonium) or (ammonium adj1 (halide or sulfate)) |
| 6 | BRS | 95 | oxide and (((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)).ti,ab.) and ((methacrylate or meth-acrylate or acrylate).ti,ab,bsum,clm.)) and ((quaternary adj1 ammonium) or (ammonium adj1 (halide or sulfate)))) |
| 7 | BRS | 131 | ((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)).ti,ab.) and ((methacrylate or meth-acrylate or acrylate).ti,ab,bsum,clm.)) and ((quaternary adj1 ammonium) or (ammonium adj1 (halide or sulfate))) |
| 8 | BRS | 244 | ((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)) with (methacrylate or meth\$1acrylate or acrylate)).ti,ab. |
| 9 | BRS | 23 | ((quaternary adj1 ammonium) or (ammonium adj1 (halide or sulfate))) and (((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)) with (methacrylate or meth\$1acrylate or acrylate)).ti,ab.) |
| 10 | IS&R | 2 | ("3,305,510") or ("5,874,074").PN. |
| 11 | IS&R | 20 | ("3,216,983") or ("4,199,564") or ("4,542,012") or ("4,584,192") or ("4,598,004") or ("4,728,323") or ("4,952,618") or ("4,978,527") or ("5,173,291") or ("5,408,022") or ("5,437,932") or ("5,494,987") or ("5,529,770") or ("5,614,310") or ("5,621,058") or ("5,733,949") or ("5,800,685") or ("5,817,344") or ("6,034,129") or ("6,039,940") or ("6,194,530B1") or ("6,198,016B1").PN. |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-----------------|------------------|----------|------------------|
| 1 | USPAT; US-PGPUB | 2004/05/11 16:41 | | |
| 2 | USPAT; US-PGPUB | 2004/05/11 16:22 | | |
| 3 | USPAT; US-PGPUB | 2004/05/11 16:15 | | |
| 4 | USPAT; US-PGPUB | 2004/05/11 16:15 | | |
| 5 | USPAT; US-PGPUB | 2004/05/11 17:08 | | |
| 6 | USPAT; US-PGPUB | 2004/05/11 16:18 | | |
| 7 | USPAT; US-PGPUB | 2004/05/11 16:21 | | |
| 8 | USPAT; US-PGPUB | 2004/05/11 17:20 | | |
| 9 | USPAT; US-PGPUB | 2004/05/11 16:30 | | |
| 10 | USPAT; US-PGPUB | 2004/05/11 16:38 | | |
| 11 | USPAT; US-PGPUB | 2004/05/11 16:38 | | |

| | Type | Hits | Search Text |
|----|------|-------|---|
| 12 | BRS | 5 | ((quaternary adj1 ammonium) or (ammonium adj1 (halide or sulfate))) and (((3,216,983") or ("4,199,564") or ("4,542,012") or ("4,584,192") or ("4,598,004") or ("4,728,323") or ("4,952,618") or ("4,978,527") or ("5,173,291") or ("5,408,022") or ("5,437,932") or ("5,494,987") or ("5,529,770") or ("5,614,310") or ("5,621,058") or ("5,733,949") or ("5,800,685") or ("5,817,344") or ("6,034,129") or ("6,039,940") or ("6,194,530B1") or ("6,198,016B1")).PN.) |
| 13 | BRS | 3 | ((psa oe pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)).ti,ab.) and (((("3,305,510") or ("5,874,074")).PN.) or (((3,216,983") or ("4,199,564") or ("4,542,012") or ("4,584,192") or ("4,598,004") or ("4,728,323") or ("4,952,618") or ("4,978,527") or ("5,173,291") or ("5,408,022") or ("5,437,932") or ("5,494,987") or ("5,529,770") or ("5,614,310") or ("5,621,058") or ("5,733,949") or ("5,800,685") or ("5,817,344") or ("6,034,129") or ("6,039,940") or ("6,194,530B1") or ("6,198,016B1")).PN.)) |
| 14 | BRS | 1 | 2002wo-us38909.ap. |
| 15 | BRS | 98742 | (alkylene or ethylene or propylene or butylene) adj1 oxide |
| 16 | BRS | 73 | (((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)) with (methacrylate or meth\$1acrylate or acrylate)).ti,ab.) and ((alkylene or ethylene or propylene or butylene) adj1 oxide) |
| 17 | BRS | 66896 | (quaternary adj1 ammonium) or ((tri\$1alkyl or tri\$1methyl or methyl-diethyl or (methyl adj1 di\$1ethyl) or tri\$1ethyl) adj1 ammonium adj1 (halide or sulfate)) |
| 18 | BRS | 15 | (((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)) with (methacrylate or meth\$1acrylate or acrylate)).ti,ab.) and ((quaternary adj1 ammonium) or ((tri\$1alkyl or tri\$1methyl or methyl-diethyl or (methyl adj1 di\$1ethyl) or tri\$1ethyl) adj1 ammonium adj1 (halide or sulfate))) |
| 19 | BRS | 1746 | ((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)) with (methacrylate or meth\$1acrylate or acrylate)) |
| 20 | BRS | 30811 | (quaternary adj1 ammonium) or ((tri\$1alkyl or tri\$1methyl or methyl-diethyl or (methyl adj1 di\$1ethyl) or tri\$1ethyl) adj1 ammonium adj1 (halide or sulfate)) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-------------------|------------------|----------|------------------|
| 12 | USPAT; US-PGPUB | 2004/05/11 16:38 | | |
| 13 | USPAT; US-PGPUB | 2004/05/11 16:47 | | |
| 14 | EPO; JPO; DERWENT | 2004/05/11 16:56 | | |
| 15 | USPAT; US-PGPUB | 2004/05/11 16:59 | | |
| 16 | USPAT; US-PGPUB | 2004/05/11 16:59 | | |
| 17 | USPAT; US-PGPUB | 2004/05/11 17:20 | | |
| 18 | USPAT; US-PGPUB | 2004/05/11 17:13 | | |
| 19 | EPO; JPO; DERWENT | 2004/05/11 17:20 | | |
| 20 | EPO; JPO; DERWENT | 2004/05/11 17:21 | | |

| | Type | Hits | Search Text |
|----|------|------|--|
| 21 | BRS | 10 | ((psa or pressure-sensitive-adhesive or (pressure adj1 sensitive adj1 (adhesive or glue)) or contact-adhesive or (contact adj1 adhesive)) with (methacrylate or meth\$1acrylate or acrylate))) and ((quaternary adj1 ammonium) or ((tri\$1alkyl or tri\$1methyl or methyl-diethyl or (methyl adj1 di\$1ethyl) or tri\$1ethyl) adj1 ammonium adj1 (halide or sulfate))) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-------------------|-------------------|-----------------|-------------------------|
| 21 | EPO; JPO; DERWENT | 2004/05/11 17:21 | | |